

OhioEPA
State of Ohio Environmental Protection Agency
Northeast District Office

US EPA RECORDS CENTER REGION 5



470575

2110 E. Aurora Road
Twinsburg, Ohio 44087-1969

TELE (330) 425-9171 FAX (330) 487-0769

Bob Taft, Governor
Christopher Jones, Director

November 22, 2000

RE: NO FURTHER REMEDIAL ACTION
PLANNED FOR REPUBLIC ENGINEERED
STEELS COMPANY, OHD 004 447 322,
STARK COUNTY, OHIO

Ms. Jeanne Griffin
Ohio Early Action Project Mgr., SE-4J
Office of Superfund
U.S. EPA
77 W. Jackson Blvd.
Chicago, IL 60604

Dear Ms. Griffin:

As requested, the Ohio Environmental Protection Agency (EPA), Division of Emergency and Remedial Response (DERR), has re-reviewed the HRS scoring report attached to Ohio EPA's February 9, 2000 No Further Remedial Action Planned (NFRAP) Letter for the Republic Engineered Steels Company, located at 2201 Harrison Road in Canton, Stark County.

It appears that owing to a filing error, the HRS scoring package for another site was attached to the Agency's February 9, 2000 letter; we regret the error. The Preliminary Assessment for the Harrison Road facility is enclosed with this letter.

DERR's February 9, 2000 recommendation that the site be deferred to Ohio EPA's Division of Hazardous Waste Management (DHWM), until RCRA issues have been resolved, is still appropriate. Please refer to the internal correspondence (November 21, 2000) enclosed for additional information.

If you have any questions or need additional information, please contact either Nancy Zikmanis or me at 330-963-1200.

Sincerely,

Sheila Abraham, Ph.D.
Site Assessment Workgroup Coordinator
Division of Emergency and Remedial Response

SA/kss

Enclosures

cc: Rod Beals, Manager, NEDO-DERR
Kurt Princic, Manager, NEDO-DHWM
Heidi Sorin, Manager, DERR-CO
Nancy Zikmanis, DERR-NEDO

G:\KSCHILLOVABRAHAM\cover ltr Republic Steel nfrap.wpd

INTEROFFICE MEMORANDUM

TO: Sheila Abraham, E-S III, DERR Pre-remedial Coordinator, NEDO

FROM: Nancy Zikmanis, DERR, NEDO

SUBJECT: E&E Report for Republic Steel, Harrison Road Site. GAO Site.

DATE: November 21, 2000

Based upon on electronic mail request from Jeanne Griffin, Ohio EPA has re-reviewed in the HRS scoring report attached to the No Further Action Letter for the Republic Engineered Steels Company, a.k.a. Enduro Division, located at 2201 Harrison Road in Canton, Stark County. There appears to have been a filing error and the E&E HRS scoring package referenced in the letter was indeed for a different site.

Although, this does not change the current designation of "No Further Remedial Action Planned" (due to the Division of Hazardous Waste Management (DHWM) closure requirements), a revised file review noted a Preliminary Assessment document prepared by Ohio EPA in 1986 which is attached to this IOC. The preliminary assessment states "Because of lack of definite historical waste handling information and a low target population, Ohio EPA recommends a low priority for USEPA action but a medium priority for additional state action". This also indicates that additional work may be necessary at the site. However, since DHWM has not certified the closures of RCRA units at the facility and additional work is being conducted, DERR does not recommend any further action at this time.

Therefore, DERR's recommendation that "this site be deferred to Ohio EPA, DHWM, until such time that DHWM closures have been completed and DHWM notifies DERR that all RCRA issues have been resolved", still stands as previously presented.

If you need any additional information, please don't hesitate to contact me at extension 160.

Thanks, NZ.

Preliminary Assessment

Republic Steel South Works - Enduro
2149 Harrison Avenue, S.W.
Canton, Ohio 44706
OHD 004 447 322

Republic Steel South Works - Enduro is located in a mixed industrial/residential area at the south end of the City of Canton, Stark County. This plant produces stainless steels and special quality steels. Manufacturing facilities include jobbing and sheet mills, pickling, grinding, vacuum remelting furnaces, forging and associated finishing and shipping facilities (Source #4).

The Republic Steel South Works Plant is a RCRA regulated generator. On August 18, 1980 this facility submitted a Notification of Hazardous Waste Activity under Section 3010 of the Resource Conservation and Recovery Act (RCRA). Waste pickle liquor is generated by the plant and stored in a 10,800 gallon sump tank. The waste pickle liquor is then hauled off-site to an approved treatment and disposal facility or to Republic Steel's Massillon Waste Pickle Liquor Treatment Plant (Source #7).

A site map of the facility indicates an old waste acid sump existed at the southeast portion of the property. Also appearing on this map is a slag dump located south of the previously mentioned old waste acid sump and near Hurford Run (Source #8). Historical information suggests an old wastewater treatment system included a settling pond. This facility is currently operating under an effective NPDES permit to discharge industrial wastewaters to Hurford Run.

A sand and gravel aquifer exists in the general area. Ground water yields of 10-20 gpm are possible, water supply within a three (3) mile radius is predominately supplied by the City of Canton.

Because of lack of definite historical waste handling information and a low target population, Ohio EPA recommends a low priority for USEPA action but a medium priority for additional State action.

Submitted by: Phil Rhodes, Ohio EPA, NEDO

Reviewed by: Gary Gifford, Ohio EPA, NEDO

PR:GG:kr

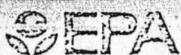
January 29, 1986

OHD00447322
NERR FILE

RECEIVED

MAR 28 1986

OHIO EPA-N.E.D.O.



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
OH	004447322

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER			
Republic Steel South Works - Enduro		2149 Harrison Ave, S.W.			
03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CENSUS DIST
Canton	Oh	44706	Stark	151	16
09 COORDINATES		Canton West			
LATITUDE 40° 46' 22"		LONGITUDE 081° 23' 50"			

10 DIRECTIONS TO SITE (Starting from nearest public road)

Rte 77 south into Canton. Exit south onto Harrison Ave. Site is north of Hurford Run.

III. RESPONSIBLE PARTIES

01 OWNER (If known)		02 STREET (Business, mailing, residential)			
Ltv Steel Company		3100 East 45th St.			
03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER		
Cleveland	Oh	44127	216'622-6475		
07 OPERATOR (If known and different from owner)		08 STREET (Business, mailing, residential)			
LTV- Republic Steel Special Metals Div.		2149 Harrison Ave, S.W.			
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER		
Canton	Oh	44706	()		
13 TYPE OF OWNERSHIP (Check one)					
<input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL					
<input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN					

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☒ A. RCRA 3001 DATE RECEIVED: 8.18.80 ☐ B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: / / ☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION		BY (Check all that apply)			
<input checked="" type="checkbox"/> YES DATE 7.22.85		<input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR			
<input type="checkbox"/> NO MONTH DAY YEAR		<input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify)			
CONTRACTOR NAME(S): _____					
02 SITE STATUS (Check one)		03 YEARS OF OPERATION			
<input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		UK current UNKNOWN			
		BEGINNING YEAR ENDING YEAR			

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

HNO₃, HF, H₂SO₄, N₂
Waste acid mixture
spent cyanide

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

Groundwater (pop/env)
surface water (pop/env)

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If none medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)			
<input type="checkbox"/> A. HIGH (Inspection required promptly)	<input type="checkbox"/> B. MEDIUM (Inspection required)	<input checked="" type="checkbox"/> C. LOW (Inspection on time available basis)	<input type="checkbox"/> D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT		02 OF (Agency / Organization)		03 TELEPHONE NUMBER	
Gary Gifford		OEPA NEDO		216'425-5171	
04 PERSON RESPONSIBLE FOR ASSESSMENT		05 AGENCY		06 ORGANIZATION	
Philip Rhodes		OEPA NEDO		216'425-5171	
				07 TELEPHONE NUMBER	
				08 DATE	
				1.28.86	
				MONTH DAY YEAR	

WASTE STATES, QUANTITIES, AND CHARACTERISTICS

IN PASTE TYPE

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

Y.FEEDSTOCKS (See Appendix for CAS Numbers)	Y	F	E	E	D	S	T	O	C	K	S
1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104	105	106	107	108
109	110	111	112	113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128	129	130	131	132
133	134	135	136	137	138	139	140	141	142	143	144
145	146	147	148	149	150	151	152	153	154	155	156
157	158	159	160	161	162	163	164	165	166	167	168
169	170	171	172	173	174	175	176	177	178	179	180
181	182	183	184	185	186	187	188	189	190	191	192
193	194	195	196	197	198	199	200	201	202	203	204
205	206	207	208	209	210	211	212	213	214	215	216
217	218	219	220	221	222	223	224	225	226	227	228
229	230	231	232	233	234	235	236	237	238	239	240
241	242	243	244	245	246	247	248	249	250	251	252
253	254	255	256	257	258	259	260	261	262	263	264
265	266	267	268	269	270	271	272	273	274	275	276
277	278	279	280	281	282	283	284	285	286	287	288
289	290	291	292	293	294	295	296	297	298	299	300
301	302	303	304	305	306	307	308	309	310	311	312
313	314	315	316	317	318	319	320	321	322	323	324
325	326	327	328	329	330	331	332	333	334	335	336
337	338	339	340	341	342	343	344	345	346	347	348
349	350	351	352	353	354	355	356	357	358	359	360
361	362	363	364	365	366	367	368	369	370	371	372
373	374	375	376	377	378	379	380	381	382	383	384
385	386	387	388	389	390	391	392	393	394	395	396
397	398	399	400	401	402	403	404	405	406	407	408
409	410	411	412	413	414	415	416	417	418	419	420
421	422	423	424	425	426	427	42				

VLSOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

SP2.FRM 2070-12 (7-81)

PART 2 - WASTE INFORMATION



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

1. IDENTIFICATION	
01 STATE	02 SITE NUMBER
CH	D004447322

I. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED ~75,300 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Map of this site indicates at one time an old waste acid sump and settling ponds were part of waste handling facilities. Also slag dump is shown. Sand and gravel aquifer yields groundwater at a rate of 10-20 gpm.

01 ☒ B. SURFACE WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED 200 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Nimishillen Creek ~4000ft to the east. Hurford Run; a trib. to Nimishillen Creek is immediately south of the site. Hurford Run passes through a low populated industrial area.

01 ☐ C. CONTAMINATION OF AIR
03 POPULATION POTENTIALLY AFFECTED: _____ 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS
03 POPULATION POTENTIALLY AFFECTED: _____ 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

UNKNOWN

01 ☐ E. DIRECT CONTACT
03 POPULATION POTENTIALLY AFFECTED: _____ 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Entire plant fenced off; w/ manned gate

01 ☒ F. CONTAMINATION OF SOIL
03 AREA POTENTIALLY AFFECTED: UK 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Slag dump present. Settling ponds on property

01 ☐ G. DRINKING WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: 31500 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Almost all area within 3 mile radius is served by Canton municipal water supply whose wells are outside the 3 mile radius.

01 ☒ H. WORKER EXPOSURE/INJURY
03 WORKERS POTENTIALLY AFFECTED: 2 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☐ I. POPULATION EXPOSURE/INJURY
03 POPULATION POTENTIALLY AFFECTED: _____ 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Entire plant fenced off. w/ manned gates. Danger S gas posted.

DHD004447322

PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

OH D 004-1417-322

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

uk

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES
(Spills/runoffs/leaking drums)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

Known
No storm sewers around 10,800 gallon sump
which contains the waste pickle liquor

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: 275,300

IV. COMMENTS

Generator only. Currently a RCRA regulated facility
Has current NPDES permit

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

CEPA - NEDD Hazardous Waste file
OEPA - NEDD Industrial Wastewater files